



WASHINGTON STATE DEPARTMENT OF
Natural Resources



**Forest Geomorphologist/Geologist
Land Management Division
Earth Sciences Program**

Recruitment # 2007-03-6650

AGENCY MISSION AND CHALLENGE:

The mission of the Department of Natural Resources (DNR) is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the State Trust Lands. At the DNR, we envision a future in which our human and natural environment provides abundant and diverse social, ecological, and economic benefits for the people of Washington, in this and all future generations. In acting to ensure the vision, we ensure sustainability.

DNR manages over 5 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970, DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1,300 employees. For more information about the department, see the DNR website at www.dnr.wa.gov

The Land Management Division provides scientific data and interpretation to support decision-making and policy development related to the management of 3.1 million acres of forested Trust Lands. The Division's Earth Sciences Program (ESP) provides geomorphic, geologic and hydrologic expertise to support implementation of the agency's Habitat Conservation Plan (HCP). ESP staff assists with HCP implementation by conducting 1) slope stability and hydrologic risk assessments in support of the agency's timber sales program, 2) landscape-scale landslide hazard assessments to support land management planning, 3) research and effectiveness monitoring related to forestry effects on erosional and hydrologic processes, and 4) sand, gravel, and rock resource investigations.

Job Classification:

Natural Resource Scientist 3

Type of Position:

This is a permanent position.

This position is represented by the WFSE. Once appointed to this position the incumbent will be required to pay union dues or other representation fee within the first 30 days of employment.

Monthly Salary Range:

\$4,106 – \$5,258

Benefits Package:

Health and dental insurance, retirement pension, vacation, sick leave and holidays

Posting Date:

March 16, 2007

Closing Date:

March 30, 2007

Location:

Sedro-Woolley, WA

POSITION PROFILE

This position provides technical expertise in the fields of geomorphology, geology, and hydrology to support the management of 350,000 acres of forested State Trust Lands in the Department's Northwest Region. The position serves as a consultant to field staff (foresters and engineers) responsible for executing the Department's timber sales program. The position conducts mass wasting (i.e., landslide) and hydrologic risk assessments for proposed timber harvesting and/or forest road construction activities. The results of these assessments must sometimes be documented in formal geotechnical reports that comply with Forest Practices Rules (Title 222 WAC) and Geologist Licensing Law (Chapter 18.220 RCW) standards. The position also develops landscape-scale landslide inventories and uses these inventories as the basis for partitioning State Trust Lands into discrete landslide hazard zones. Land managers and field staff utilize these work products in site-scale and landscape-scale land management planning. The position may conduct research and/or effectiveness monitoring related to the effects of management activities on physical watershed processes. The position may conduct exploratory investigations of sand, gravel, and/or rock resources on State Trust Lands.

REQUIRED POSITION QUALIFICATIONS

EDUCATION AND EXPERIENCE

- 1) A Master's or Bachelor's degree in geomorphology, geology, or hydrology;
- 2) Three (with Master's degree) or five (with Bachelor's degree) years of related professional experience;
- 3) Licensure as a Geologist in the State of Washington with a specialty license in Engineering Geology OR sufficient experience to qualify for licensure in Engineering Geology (see Chapter 18.220 RCW for required experience). Licensure must be obtained within two years of hire date.

NOTE: A candidate who is not licensed but is otherwise qualified for the position would be hired as a "Natural Resource Scientist 3 – In-Training" and would be compensated at a lower salary. The salary range for the In-Training position is \$3,371 to \$4,315 per month. Upon licensure, the position would be upgraded to a Natural Resource Scientist 3 with corresponding salary.

DESIRED POSITION QUALIFICATIONS

- Knowledge and understanding of forest practices effects on physical watershed processes
- Familiarity with the operational aspects of timber harvesting and road construction activities
- Ability to accurately interpret geomorphic, geologic, and hydrologic conditions in the forest environment
- Ability to communicate effectively and efficiently both verbally and in writing
- Working knowledge of wordprocessing, spreadsheet, database, statistical and ArcGIS software

SPECIAL POSITION REQUIREMENTS AND WORKING CONDITIONS

- Ability to work on uneven terrain in all weather conditions
- Extensive day-long travel within Northwest Region and occasional travel to other regions of the state
- Must be at least 18 years of age at time of hire.
- Must have a valid drivers license and at least 2 years of driving experience.

WHO MAY APPLY

This recruitment is open to anyone who meets the required qualifications for this position.

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest describing how your experience and qualifications relate to the job profile and the required and desired position qualifications. Indicate in your letter of interest how you learned of this opportunity.
- A completed application – www.dnr.wa.gov/jobs/stateapp.doc
- An online voluntary [Applicant Profile Questionnaire](#).
- Finalist will be asked to provide a driving abstract issued from the state in which you are currently licensed .

The first screening will be based on information contained in your letter of interest and your state application.

Submit all materials by the closing date to:

Electronic method preferred	OR other method
Shesha.Zavala@dnr.wa.gov	Shesha Zavala 919 N Township Street Sedro Woolley, WA 98284

NOTE: Please indicate Forest Geomorphologist/Geologist, Recruitment #2007-03-6650 in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

Questions? Please contact Jeff Grizzel at 360-854-2874 or e-mail at jeff.grizzel@wadnr.gov

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